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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Sep 29	The Philippines Inventory of Chemicals and Chemical Substances (PICCS) has been added to CHEMLIST
NEWS 3	Oct 27	New Extraction Code PAX now available in Derwent Files
NEWS 4	Oct 27	SET ABBREVIATIONS and SET PLURALS extended in Derwent World Patents Index files
NEWS 5	Oct 27	Patent Assignee Code Dictionary now available in Derwent Patent Files
NEWS 6	Oct 27	Plasdoc Key Serials Dictionary and Echoing added to Derwent Subscriber Files WPIDS and WPIX
NEWS 7	Nov 29	Derwent announces further increase in updates for DWPI
NEWS 8	Dec 5	French Multi-Disciplinary Database PASCAL Now on STN
NEWS 9	Dec 5	Trademarks on STN - New DEMAS and EUMAS Files
NEWS 10	Dec 15	2001 STN Pricing
NEWS 11	Dec 17	Merged CEABA-VTB for chemical engineering and biotechnology
NEWS 12	Dec 17	Corrosion Abstracts on STN
NEWS 13	Dec 17	SYNTHLINE from Prous Science now available on STN
NEWS 14	Dec 17	The CA Lexicon available in the CAPLUS and CA files
NEWS 15	Jan 05	AIDSLINE is being removed from STN
NEWS 16	Feb 06	Engineering Information Encompass files have new names
NEWS 17	Feb 16	TOXLINE no longer being updated

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=> lipoprotein

L1 354253 LIPOPROTEIN

=> lysing agent

L2 221 LYSING AGENT

=> luekocytes

L3 55 LUEKOCYTES

=> l1 and l2

L4 0 L1 AND L2

=> high density lipoprotein

L5 83404 HIGH DENSITY LIPOPROTEIN

=> l1 and l3

L6 0 L1 AND L3

=> fixing white blood cells

7 FILES SEARCHED...
L7 0 FIXING WHITE BLOOD CELLS

=> fixing cells

L8 459 FIXING CELLS

=> l8 and blood cell?

   2 FILES SEARCHED...
   3 FILES SEARCHED...
L9   11 L8 AND BLOOD CELL?

=> dupo rem l9

MISSING OPERATOR REM L9
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=> dup rem l9

PROCESSING COMPLETED FOR L9
L10   4 DUP REM L9 (7 DUPLICATES REMOVED)

=> d 1-4 ibib ab

L10 ANSWER 1 OF 4 MEDLINE DUPLICATE 1
ACCESSION NUMBER: 1999451073 MEDLINE
DOCUMENT NUMBER: 99451073
TITLE: Key adhesion molecules are present on long podia extended by hematopoietic cells.
AUTHOR: Holloway W; Martinez A R; Oh D J; Francis K; Ramakrishna R;
Palsson B O
CORPORATE SOURCE: Department of Bioengineering, University of California at San Diego, La Jolla, California.
CONTRACT NUMBER: R01 HL59234 (NHLBI)
R01 HL60398 (NHLBI)
SOURCE: CYTOMETRY, (1999 Nov 1) 37 (3) 171-7.
Journal code: D92. ISSN: 0196-4763.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200001
ENTRY WEEK: 20000104
AB BACKGROUND:We recently reported that CD34(+) hematopoietic cells and the KG1a cell line extend long, thin podia. These podia can dynamically extend and retract, often adhere to the substrate, and appear to connect cells up to 300 &mgr;m apart. The surface receptors found on these podia have not been described. METHODS:By using time-lapse fluorescent microscoscopy and immunostaining techniques, we describe a method for detecting surface receptors on these podia. This includes an in situ antibody staining procedure without **fixing cells**. RESULTS:We demonstrate, using CD34 selected mobilized peripheral **blood cells** and KG1a cells, that adhesion molecules known to play important roles in **blood-cell** migration and adhesion are present on these podia. These include: CD11a, CD18, CD29, CD34, CD45, CD49d, CD49e, and CD62L. Additionally, CD54 and CD44 were present on the podia extended by KG1a cells, but were not detectable on the primary CD34(+) cells. The integrin CD49d localized at the base of these podia in a time-dependent manner in KG1a cells. The frequency and morphology of these long podia on three myeloid leukemia-cell lines (KG1a, MV4-11, and AML-193) and a CD34-negative T-cell line (CEM) are also compared. KG1a and

CEM cell lines extend long, dynamic podia that are similar to the podia on primary CD34(+) cells in morphology and adhesion molecule expression. The AML-193 and MV4-11 cell lines, however, did not extend these long podia. CONCLUSIONS:We describe a technique that provides a method of detecting surface receptors on thin cell membrane projections. These results support the likely role of these podia in cell migration and cell-cell communication. Copyright 1999 Wiley-Liss, Inc.

L10 ANSWER 2 OF 4 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 1998147335 EMBASE
TITLE: Reactivity of workshop monoclonal antibodies on paraformaldehyde-fixed porcine blood mononuclear cells.
AUTHOR: Schuberth H.-J.; Rabe H.-U.; Leibold W.
CORPORATE SOURCE: H.-J. Schuberth, Immunology Unit, School of Veterinary Medicine, Bischofsholer Datum 15, D-30173 Hannover, Germany. jschub@immunologie.tiho-hannover.de
SOURCE: Veterinary Immunology and Immunopathology, (30 Jan 1998) 60/3-4 (409-417).
Refs: 15
ISSN: 0165-2427 CODEN: VIIMDS
PUBLISHER IDENT.: S 0165-2427(97)00115-3
COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Conference Article
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
026 Immunology, Serology and Transplantation
LANGUAGE: English
SUMMARY LANGUAGE: English
AB One hundred sixty-four monoclonal antibodies (mAbs) of the second international swine CD workshop were tested for their reactivity with porcine blood mononuclear cells before and after fining the cells with varying concentrations of paraformaldehyde (PFA) (1, 5 and 10 g l-1). A total of 38 (out of 134) positive reacting mAbs were significantly affected in their binding behavior on fixed cells. Modulation was seen as reduction in binding (staining intensity and/or % positive cells, n = 18) or in elevated values (n = 20). Modified mAb binding occurred after **fixing cells** with 5 to 10 g l-1 PFA.

L10 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 2
ACCESSION NUMBER: 1993:511109 CAPLUS
DOCUMENT NUMBER: 119:111109
TITLE: Process for analyzing clastogenic agents
INVENTOR(S): Tometsko, Andrew M.
PATENT ASSIGNEE(S): Litron Laboratories, USA
SOURCE: U.S., 29 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5229265	A	19930720	US 1990-492584	19900313

AB Potential clastogenic agent is identified by analyzing the change in micronucleated cells. The invention discloses the procedures for dosing mice, obtaining blood samples, fixing and staining cells, configuring the flow cytometer condition for micronuclei anal., the mode of data acquisition, and anal. The malarial parasite, Plasmodium berghei, provides an excellent model for optimizing cell fixing, cell staining, and

instrument calibration. The cells are fixed at ultralow temps. to provide cells suitable for staining and high speed flow cytometry anal. Good results are obtained when Hoechst 33258 is used as a DNA stain and propidium iodide is used as the RNA stain. Assays were done using methylmethane sulfonate and cyclophosphamide as clastogenic agents in mice.

L10 ANSWER 4 OF 4 MEDLINE DUPLICATE 3
ACCESSION NUMBER: 76136251 MEDLINE
DOCUMENT NUMBER: 76136251
TITLE: The scanning electron microscopy of normal human peripheral blood lymphocytes.
AUTHOR: Newell D G; Roath S; Smith J L
SOURCE: BRITISH JOURNAL OF HAEMATOLOGY, (1976 Mar) 32 (3) 309-16.

Journal code: AXC. ISSN: 0007-1048.
PUB. COUNTRY: ENGLAND: United Kingdom
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 197607
AB A study of the effects of various sample preparation techniques for scanning electron microscopy has been undertaken in an attempt to resolve conflicting descriptions of the surface topography of human peripheral blood lymphocytes. By **fixing cells** in suspension--a technique thought most likely to avoid the production of artefacts--no clearly defined morphological classification of lymphocytes could be made, and when T- and B-lymphocyte enriched preparations were studied their surfaces appeared similar. Both T- and B-rosetted cells showed identical morphological changes as a result of their interaction with red **blood cells**. The smooth cells described in other reports were found only under certain conditions of preparation. It is therefore not possible to distinguish between T- and B-cell populations, using the S.E.M., on the basis of surface morphology alone.

=> d his

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FILE 'MEDLINE, BIOSIS, EMBASE, CEABA-VTB, CABA, LCA, CAPLUS, CA' ENTERED AT 16:12:37 ON 23 MAR 2001
L1 354253 LIPOPROTEIN
L2 221 LYSING AGENT
L3 55 LUEKOCYTES
L4 0 L1 AND L2
L5 83404 HIGH DENSITY LIPOPROTEIN
L6 0 L1 AND L3
L7 0 FIXING WHITE BLOOD CELLS
L8 459 FIXING CELLS
L9 11 L8 AND BLOOD CELL?
L10 4 DUP REM L9 (7 DUPLICATES REMOVED)

=> composition?

2 FILES SEARCHED...
L11 3922722 COMPOSITION?

=> l11 and cell? and fixing

3 FILES SEARCHED...
L12 1226 L11 AND CELL? AND FIXING

=> l12 and lys? agent

L13 0 L12 AND LYS? AGENT

=> l12 and lytic agent

L14 0 L12 AND LYTIC AGENT

=> l12 and lipoprotein?

L15 2 L12 AND LIPOPROTEIN?

=> d 1-2 ibib ab

L15 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1993:621153 CAPLUS
DOCUMENT NUMBER: 119:221153
TITLE: Hematology control **composition** for leukocyte analogs and methods for their preparation and use
INVENTOR(S): Young, Carole; Elliott, Michael N.; Fischer, Timothy J.; Naylor, Nancy R.
PATENT ASSIGNEE(S): Coulter Corp., USA
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9317330	A1	19930902	WO 1993-US1855	19930217
W: AU, BR, CA, JP, KR, NO, RU				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9337366	A1	19930913	AU 1993-37366	19930217
EP 628167	A1	19941214	EP 1993-906274	19930217
EP 628167	B1	20000823		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07504038	T2	19950427	JP 1993-515120	19930217
BR 9305952	A	19971021	BR 1993-5952	19930217
AT 195810	E	20000915	AT 1993-906274	19930217
US 5320964	A	19940614	US 1993-81752	19930623
NO 9403115	A	19940901	NO 1994-3115	19940823
PRIORITY APPLN. INFO.:			US 1992-840435	19920224
			WO 1993-US1855	19930217

AB A hematol. control product comprising leukocyte analogs is described. The analogs comprise red blood **cells** which simulate .gtoreq.2 phys. properties of human leukocytes. A method for making leukocyte analogs from blood **cells** having desired phys. properties is also described. The process comprises expanding the **cell** vol., changing the Hb content of the **cell**, and **fixing** the **cell**. Generally, the monocyte and lymphocyte analogs leak Hb from

the **cell** while the eosinophil analog has the Hb pptd. in the **cell**. A further method is described to use the control product to det. whether an automatic instrument is operating within the manufacturer's specification. Lymphocyte analogs were prepd. from goose red blood **cells** and monocyte, eosinophil, and neutrophil analogs were prepd. from alligator red blood **cells**. The analogs were resuspended in an aq. soln. of Moducyte contg. cholesterol. This assembly could be stored for up to .apprx.6 mo with the addn. of known stabilizers.

L15 ANSWER 2 OF 2 CA COPYRIGHT 2001 ACS

ACCESSION NUMBER: 119:221153 CA

TITLE: Hematology control **composition** for leukocyte analogs and methods for their preparation and use

INVENTOR(S): Young, Carole; Elliott, Michael N.; Fischer, Timothy J.; Naylor, Nancy R.

PATENT ASSIGNEE(S): Coulter Corp., USA

SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9317330	A1	19930902	WO 1993-US1855	19930217
W: AU, BR, CA, JP, KR, NO, RU				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9337366	A1	19930913	AU 1993-37366	19930217
EP 628167	A1	19941214	EP 1993-906274	19930217
EP 628167	B1	20000823		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07504038	T2	19950427	JP 1993-515120	19930217
BR 9305952	A	19971021	BR 1993-5952	19930217
AT 195810	E	20000915	AT 1993-906274	19930217
US 5320964	A	19940614	US 1993-81752	19930623
NO 9403115	A	19940901	NO 1994-3115	19940823
PRIORITY APPLN. INFO.:			US 1992-840435	19920224
			WO 1993-US1855	19930217

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